

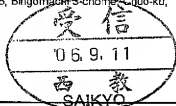
From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 44bis.3(c) and 72.2)

To:

SAIKYO, Koichiro
Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku,
Osaka-shi, Osaka
5410051
JAPON



Date of mailing (day/month/year)
31 August 2006 (31.08.2006)

Applicant's or agent's file reference
62165CT01171

IMPORTANT NOTIFICATION

International application No.
PCT/JP2004/018940

International filing date (day/month/year)
17 December 2004 (17.12.2004)

Applicant

SHARP KABUSHIKI KAISHA et al

1. Transmittal of the translation to the applicant.



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

None

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation: from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LG, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 62165CT01171	FOR FURTHER ACTION		See item 4 below
International application No. PCT/JP2004/018940	International filing date (<i>day/month/year</i>) 17 December 2004 (17.12.2004)	Priority date (<i>day/month/year</i>) 19 December 2003 (19.12.2003)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant SHARP KABUSHIKI KAISHA			

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- | | |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report |
| <input type="checkbox"/> Box No. II | Priority |
| <input type="checkbox"/> Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI | Certain documents cited |
| <input type="checkbox"/> Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> Box No. VIII | Certain observations on the international application |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Date of issuance of this report 22 August 2006 (22.08.2006)
	Authorized officer: Yoshiko Kuwahara e-mail: pfo7@wipo.int

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

TRANSLATION

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis 1)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference

62165CT01171

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/JP2004/018940

International filing date (day/month/year)

17.12.2004

Priority date (day/month/year)

19.12.2003

International Patent Classification (IPC) or both national classification and IPC

Applicant

SHARP KABUSHIKI KAISHA

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2004/018940

Box No. 1 Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
☐ This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2004/018940

Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	1-4	YES
	Claims		NO
Inventive step (IS)	Claims	1-4	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-4	YES
	Claims		NO
2. Citations and explanations:			
<p>Document 1: JP 2002-37482 A (Sharp Corp.), 06 February 2002, claims 1-4, paragraphs 0022-0047, Figs. 1-10 (Family: none)</p> <p>Document 2: JP 5-294525 A (Matsushita Electric Industrial Co., Ltd.), 09 November 1993, claims 1-3, paragraphs 0017-0025, Figs. 1-4 (Family: none)</p> <p>Document 3: JP 5-61546 U (Mitsumi Electric Co., Ltd.), 13 August 1993, full text, Figs. 1-4 (Family: none)</p> <p>Document 4: JP 5-201568 A (Matsushita Electric Industrial Co., Ltd.), 10 August 1993, claim 1, paragraphs 0013-0018, Figs. 1-4 (Family: none)</p> <p>Document 5: JP 8-139855 A (Matsushita Electric Industrial Co., Ltd.), 31 May 1996, claims 1-3, paragraphs 0013-0028, Figs. 1-4 (Family: none)</p>			
Discussion			
<p>Regarding Claims 1-4:</p> <p>The inventions of claims 1-4 are not described in any of documents 1-5 cited in the ISR, and are not obvious to a person skilled in the art. Therefore, they appear to possess novelty and involve an inventive step, and to have industrial applicability.</p>			
<p>Document 1 cited in the ISR discloses an invention that selectively or simultaneously transmits the rotational force of a motor 3 to a manuscript transport mechanism and a recording paper transport mechanism through the operation of a planetary gear, planetary lever and cam, etc. (See the cited locations in document 1.)</p>			
<p>Upon comparing the inventions of claims 1-4 of this international application and the invention disclosed in document 1, they share the point about transmitting rotational force generated from a single drive motor to a manuscript transport mechanism and a recording paper transport mechanism. However, the inventions of claims 1-4 "comprise a transmission means for transmitting rotational force generated from a drive motor to a manuscript transport mechanism when the recording head is at a predetermined position, and comprise a control means for controlling the movement of the recording head so that said transmission means can transmit rotational force generated from a drive motor to a manuscript transport mechanism." On the other hand, in the invention of document 1, there is nothing equivalent to this sort of control means. Ultimately, they appear to differ only in the point that in the invention of document 1, when the rotational force of the motor 3 is transmitted to the manuscript transport mechanism it has no relationship whatsoever to the</p>			

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2004/018940

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V

position the recording head is at; the motor 3 simply rotates in direction A, and the planetary gear 13 and the deceleration gear 33 mesh through the operation of the cam 22, and the rotational force of the motor is transmitted to the manuscript transport mechanism. (See in particular paragraph 0036 in document 1.) This point of difference is neither described nor suggested in any of documents 2-5 cited in the ISR, and since there is essentially no relationship between the position of the recording head and the means for transmitting of the rotational force of the motor, it cannot be said that this point of difference is obvious to a person skilled in the art. The specification and drawings of this international application disclose the relationship between a means for transmitting rotational force generated from a drive motor to a manuscript transport mechanism and the position at which the recording head is and the movement control means for the recording head, and disclose it to the extent that the inventions of claims 1-4 could easily be practiced by a person skilled in the art. These inventions clearly can be utilized in a fax machine, etc.

Therefore the inventions of claims 1-4 of this international application appear to possess novelty and involve an inventive step with respect to documents 1-5 cited in the ISR, and to have industrial applicability.